

# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF C United States Patent and Trademark Of Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Viriginia 22313-1450 www.usplo.gov

APPLICATION NO.	FILI	NG DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/660,269	09/	11/2003	Ken Matsunaga	4041J-000765	5029
27572	7590	03/12/2004		EXAM	INER
HARNESS P.O. BOX 82	•	BOLES,	BOLES, DEREK		
BLOOMFIELD HILLS, MI 48303				ART UNIT	PAPER NUMBER
				3749	

DATE MAILED: 03/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Edenticates of this may be available under the previous of 37 CPR 1.136(a), in no event, however, may a reply be timely filled of the 10X (b) MONTH from the mailing date of the common of 37 CPR 1.136(a), in no event, however, may a reply be timely filled of the 10X (b) MONTH from the mailing date of the control of the 10X (b) MONTH from the mailing date of the control of the 10X (b) MONTH from the mailing date of this communication of the provision of the 10X (b) MONTH from the mailing date of this communication of the policial for reply is application to become ABANDONED (S) U.S.C. § 133). Any reply received by the Dick and the third the mailing date of this communication, even if timely filled, may reduce any summar platent from subjective the control of the communication of the communi				$A \wedge A$			
Office Action Summary    Examiner	افر	-	Application No.	Applicant(s)			
Dorek S. Boles  3749  — The MAILING DATE of this communication appears on the cover sheet with the correspondence address— Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 9 MONTH(S) FROM THE MAILING DATE of THIS COMMUNICATION.  Extension for time may be available under the provision of 3° CFR 1.13(a). In no event, however, may a reply be timely filled  Extension for time may be available under the provision of 3° CFR 1.13(a). In no event, however, may a reply be timely filled  Extension for reply appendix device, the maximum of 3° CFR 1.13(a). In no event, however, may a reply be timely filled  Extension for reply appendix device, the maximum statutory protein willing play and will expire \$(K)\$ MONTH's form the mailing date of this communication (soft in expire year) and the replication to hostome ABANDOKED (35 U.S. £, 13.5).  **STATUS**  **The period for reply appendix to replication to the statutory protein willing and of this communication, even filmely filed. may return adjustment. Be 3° CFR 1.704(b).  **STATUS**  **This action is FINAL. 2b)[3] This action is non-final.  3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  **Disposition of Claims**  4) □ Claim(s)			10/660,269	MATSUNAGA ET AL.			
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Application/Control Number: 10/660,269

Art Unit: 3749

#### **DETAILED ACTION**

## **Drawings**

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the auxiliary heater being arranged in the first and second circuits must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Fujita (6,383,672). See col. 5, lines 24-65. Regarding claim 2, see 50.

#### Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The provided references are representative of the state of the art that is applicable to the applicant's invention. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Derek S. Boles at (703) 308-1804 or fax number (703) 872-9306. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0861. The Supervisory Primary Examiner for Art Unit 3749 is Ira Lazarus who can be reached at (703) 308-1935.

DEREK'S. BOLES

D.S.B.

Application/Control Number: 10/660,269

Art Unit: 3749

PRIMARY EXAMINER GROUP 3700

3/9/04